MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01x Fall Term 2001

GENERAL INFORMATION

Lecturer:	Professor Kate Scholberg, room 44-124, 3-8564 schol@mit.edu
Recitation Instructors:	Professor Ray Ashoori, room 13-2053, 3-5585 ashoori@mit.edu
	Professor Haiyan Gao, room 26-413, 8-0256 haiyan@mit.edu
	Professor Gunther Roland, room 24-504, 3-9735 gunther.roland@cern.ch
	Edward Keyes, room 6-218M, 3-6094 eakeyes@mit.edu
Experiment TAs:	Edward Keyes, room 6-218M, 3-6094 eakeyes@mit.edu
	Others TBA
CyberTutor TA:	David Kokorowski, davidk@mit.edu
Course Manager:	Maria Springer, room 4-352, 3-4461 maria@mit.edu
Web Page:	`http://web.mit.edu/8.01x/www`
Textbook:	H. D. Young and R. A. Freedman, *University Physics*, 10th Edition, Addison-Wesley, Reading Mass (2001).

Lectures:	MWF 10-11 room 4-370		
Recitations:	R01 TR 10-11	26-168	H. Gao
	R02 TR 11-12	26-168	H. Gao
	R03 TR 1-2	24-402	R. Ashoori
	R04 TR 2-3	24-402	R. Ashoori
	R05 TR 3-4	24-402	G. Roland
	R06 TR 10-11	26-210	E. Keyes
	R07 TR 11-12	26-210	R. Ashoori
	R08 TR 2-3	26-302	G. Roland
Experiment Help Session:	MR 3-5 pm, TW 7:30-9:30 pm Room 16-168		
CyberTutor Help Sessions:	TBA		
Exams:	**MARK THESE ON YOUR CALENDAR NOW!!!** **Quiz 1:** Monday October 1 **Quiz 2:** Wednesday October 24 **Quiz 3:** Monday November 19 **Final Exam:** Monday December 17 9 am-Noon in 10-250		

Problem Sets:

There will be a **weekly problem set** that consists of **two parts**:

1. **CyberTutor problems** to be answered on-line.
2. **Hand-written problems** to be handed in on **Fridays by 5:00 pm**. Please write your name, subject, recitation number and the name of the recitation instructor on the top right corner of the first page of the homework assignment. Your completed problem sets should be placed in the recitation instructor's box in room 4-339B.

Experiments:

As you know, the experimental work, based primarily on take-home kits, will be a major feature of this course. See the separate handout **ABOUT EXPERIMENTS** for details. Experiment instructions will be handed out in class on a Wednesday. There will be a few short questions regarding the analysis of the experiment that will in general be due on Fridays. **YOU WILL NOT BE AWARDED A GRADE UNTIL YOU HAVE HANDED IN THE RETURNABLE PARTS WITH THE RED BOX.**

Grading:

As in all subjects taken by freshmen in the first semester, the official grades will be only Pass/No Record. However, your work during the semester will be graded quantitatively to give you a clear picture of how you are doing. The numerical basis for the final grade will be approximately as follows: **3 quizzes 45%, final exam 25%, CyberTutor 10%, hand-written problem sets 10%, experiment problems 10%.**